State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-282-5 Relating to Certification of New Modifier Certified Motor Vehicles

K & E INTERNATIONAL AUTO CONSULTANTS

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That K & E International Auto Consultants emission control systems are certified in California as described below for gasoline-powered pasenger cars which are designated as 1986 model-year vehicles by the regulations:

Engine Family	Displace Cubic Inches		Exhaust Emission Control Systems (Special Features)				
GK13.0V6FC52	183	(3.0)	Warm-Up Three-Way Catalyst Three-Way Catalyst Heated Oxygen Sensor (Mechanical Port Fuel Injection)				

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	Grams per mile
0.41	7.0	0.7

The following are the certification emission values for this engine family:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	Grams per Mile
0.35	4.9	0.2

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided evidence of service facilities in each of the seven major urban areas in California;

BE IT FURTHER RESOLVED: That the Executive Officer has been provided evidence of a one thousand dollar (\$1,000.00) recall time deposit account payable to the Air Pollution Control Fund or a prepaid insurance policy for the duration of the recall period for each vehicle produced which will provide for the execution of an ordered recall pursuant to Title 13, California Administrative Code Sections 2111, 2112 and 2113.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the prepaid warranty insurance policy to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq. and Health and Safety Code Section 43204).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair and the Department of Motor Vehicles will be notified by copy of this order and attachment.

Executed at El Monte, California this 9/87 day of September, 1987.

K. D. Drachand, Chief Mobile Source Division

Manufacturer K & E INTERNATI		1-282-5
Engine Family	GK13.0V6FC52/86 Evaporative Family	GK1V6/86
	Engine CIO (Liters)	
ABBREVIATIONS		
Ignition System	Exhaust Emissions Control System	Special Features
CA-Centrifugal Advance- EEC-Electronic Engine Control El-Electronic Ignition ESAC-Electronic Spark Advance Cor VA-Vacuum Advance VR-Vacuum Retard Fuel System CFI, CL, DIO, DIP, EFI, MFI nV-nVenturi Carburetor	AIP Air Injection-Pump AIV-Air Injection-Valve CL-Closed Loog	CCV-Combustion Chamber Vaive CFI-Central Fuel Injection DID-Dieset Injection DIP-Dieset Injection Prechamber EFI-Electronic Fuel Injection
VV-Variable Venturi		MFI-Mechanical Fue Injection TC-Turbocharge
VEHICLE MODELS: 300 E, 300SE	E, 300TE, 300SL	

E.O. #A -282-5

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer _	K & E INTERNATI	CNAL			Page _	2	
Engine Family	Sample of the same		יעדי נער	N7CEGE 2 / 0 C	Engine	•	The property
engine ranna.			17.17.)V6FC52/86			
ECS (Special F	eatures) CL,TM	C (MF)	<u>()</u>		CIO (Liter)- Type	183 (3,	0) L-6
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Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two weights are listed, the lower weight will be used for testing.

"Add 10% to dyno test HP for air conditioning usage.

Date of Issue -

19 86 MODEL-YEAR CERTIFICATION REVIEW SHEET EXHAUST/EVAPORATIVE SYSTEM & FILL PIPE SPECIFICATION COMPLIANCE

ofgr	K & E INTERN	ATIONAL	INC.	t. V		Engine	Family	Y _GK13	OV6E	C52			
PC - x 1	DT MDV _	Gas	<u>x</u> Die	sel	LPG	Cert	. Type	- CA	49	s	50S	_X_	
C ID	$\frac{3}{2}$ Liters $\frac{3.0}{2}$	Rated	HP 132	KW @	570	O RPM _ F	Rated	Torque	225N	m @ _	4400	RPM	t
Type Cer	-t - 50K <u>X</u>	100	K <u>- </u>	Eva	porati	ve Family	GK13	3.0VE	Er	ng. Ty	pe <u>L</u> -	·6	
Exhaust	Control Sys.	and (S	pecial	Feature	es <u>y</u> C	L, TWC (MI	FI)			_	•		
2 Fuel, Proced 3 Warr. 4 Maint: 5 Tune-U	rized Represe Test Equipme Jures & Route State & Part Cert/Req'd/ Jp Lab./Vac. Control Syst Parameters Ignition Syst	nt s List Recm'd Hose Di	Sec Sec Sec ag. Sec	t.3,4,5 t.17:4- t.6:1,2 t.7:3	2 9 E 5:1 10 11 7.100- 2.5;6	xhaust Cor Projected Vehicle Do Test Veh. C/O MY or Zero Mile Vehicle I Maint. Lo Evap. Bene	Sales escrip Inform r C/A l e Books	t. mation EF s		Sect. Dur. New	8:25 17:15 10:24 E 86	-49 -26 mis. New 8	36
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Veh. ID	Code	Trans	Axle Ratio	ETW	8 C	MPG City/Hwy	Test Loc.	ogram OJECTE	<u>co</u>	NOx	7 (T) Hwy	50K	(2) 50K
Veh. ID	Code (Displ) 3.0 Ltr.	Trans	Axle Ratio	ETW 3750	8 C RLHP 7.5	MPG City/Hwy C:20	Test Loc.	OJECTE HC 0:35	co 4 . 9	NOx 0:2	7 (1) Hwy <u>NOx</u>	50K Evap	(2) 50K Part
Veh. ID	Code (Displ)	Trans	Axle Ratio	ETW 3750	8 C RLHP 7.5	MPG City/Hwy C:20	Test Loc.	OJECTE HC 0:35	co 4 . 9	NOx 0:2	7 (1) Hwy <u>NOx</u>	50K Evap	(2) 50K Part
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